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Dell™ Ink-Free Printer PZ310

With ZINK™ Zero Ink™ Printing Technology

User's Guide

Model PZ310

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Notes, Notices, and Cautions

NOTE: A NOTE indicates important information that helps you make better use of your printer.

NOTICE: A NOTICE indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

CAUTION: A CAUTION indicates a potential for property damage, personal injury, or death.

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Model PZ310

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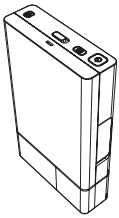
Your Dell™ Mobile Printer

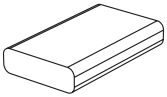
Unpack your printer and verify the contents of the package. If any of the items shown below are missing, contact Dell (see "Contacting Dell" on page 22).

Package Contents

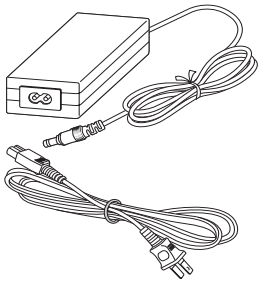
Dell Ink-Free Printer PZ310



Battery

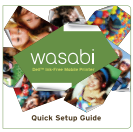


AC adapter and power cord

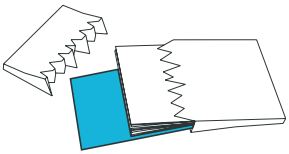


NOTE: The power cord that shipped with your printer may be different depending on your country/region.

Quick Setup Guide and CD



Media Pack



Contains 12 ZINK™ Photo Papers and 1 ZINK™ Smart Sheet

NOTE: It is recommended that you use original Dell-branded ZINK Photo Paper for optimal print quality.

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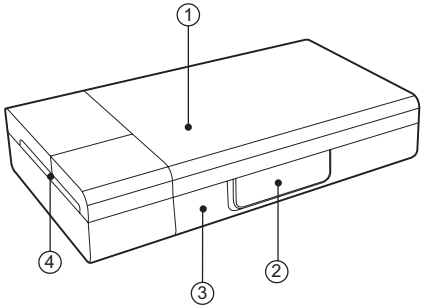
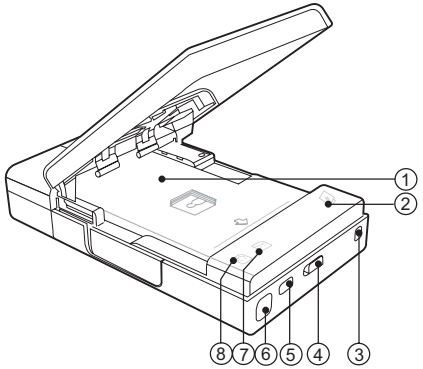
About Your Mobile Printer



1 Media cover
2 PictBridge & power connector cover
3 Battery cover
4 Paper exit



1 Media tray
2 Battery indicator
3 Lanyard hook
4 Media cover latch
5 Reprint button
6 Power button
7 Error indicator
8 Ready indicator

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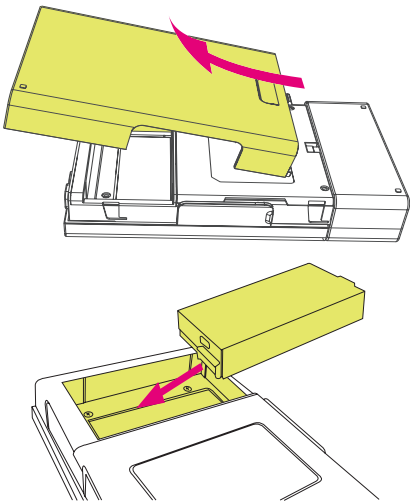
Installing and Charging the Battery

Installing the Battery

CAUTION: Use only the battery that shipped with your printer. Using any other batteries may result in product damage or malfunction.



1 Remove the battery cover.

2 Insert the battery. Ensure that the battery is inserted in the correct orientation as shown above.

NOTICE: Inserting the battery incorrectly can result in potential loss of data or damage to hardware.

3 Replace the battery cover.

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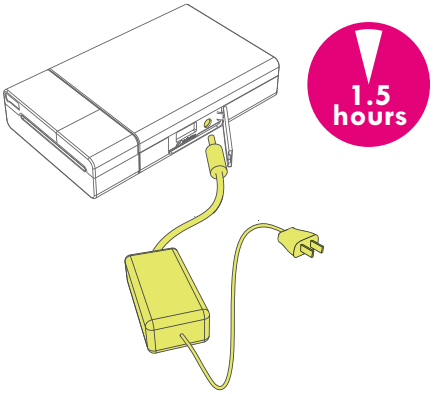
Charging the Battery



Connect the AC adapter to the printer and a power source.

NOTICE: Charge the battery for 1.5 hours in order to ensure that the battery is fully charged before you use the printer. If the battery has not been fully charged, potential damage to hardware or loss of data might happen.

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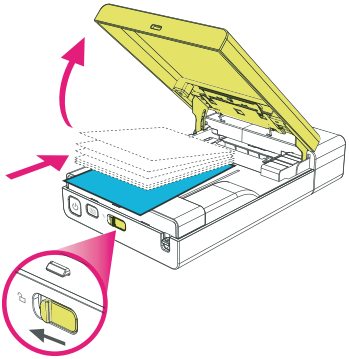
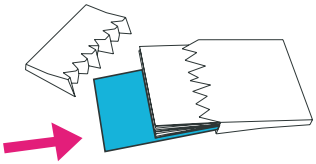
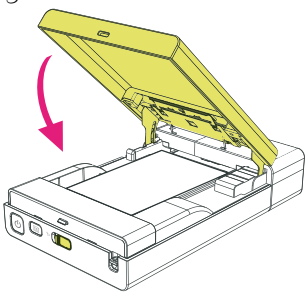
Loading the ZINK™ Photo Paper



1 Slide the media cover latch to open the Media cover.



2 Load the Dell-branded ZINK Photo Paper into the media tray. Ensure that ZINK Smart Sheet is at the bottom of pack with the barcode facing down when loading.



3 Close the media cover. The Smart Sheet is ejected automatically.

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NOTE: The ZINK Smart Sheet cleans and calibrates the print head, ensuring optimal print quality.

NOTICE: Only use the Dell-branded ZINK Photo Paper on your mobile printer.

NOTICE: The media tray must be empty before you reload the photo paper. Do not load the printer with more than 1 pack of ZINK Photo Paper (maximum tray capacity is 12 photo papers and 1 Smart Sheet).

NOTE: Retain the ZINK Smart Sheet for use in calibrating and cleaning the print head.

Important Information: ZINK Photo Paper

- Do not bend the ZINK Photo Paper.
- Hold the ZINK Photo Paper only by its edges. Do not touch the printing surface.
- Store the ZINK Photo Paper in a cool and dry place. Do not expose the photo paper to direct sunlight for prolonged periods.
- The ZINK Photo Paper should be stored in environments where temperature ranges between 5° C to 32° C (41° F to 90° F) and humidity ranges between 20% to 80% RH.
- Ensure to use the media pack within its valid date.

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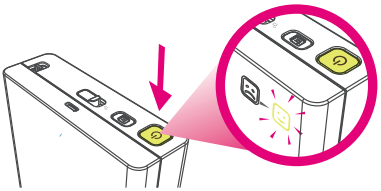
Printing Photos

Turning On Your Printer



Press the power button to turn on the printer.

The Ready indicator ☺ lights up immediately and indicates that the printer is ready for printing.

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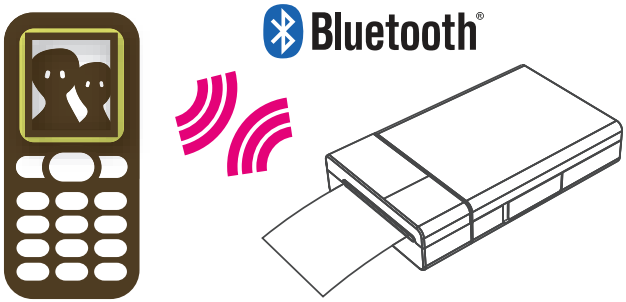
Sending and Printing Photos Using Bluetooth® Technology

From a Cell Phone

NOTE: The steps for using Bluetooth transmission may be different for each cell phone. See the documentation of your cell phone for specific details on how to send photos using Bluetooth.



You can send photos from a Bluetooth-enabled cell phone to your Dell Ink-Free Printer PZ310 for printing.

1. Select the photo you would like to print from the stored photos on your cell phone.
2. Select the Bluetooth transmission option on your cell phone's menu list. For example, "Send via Bluetooth", "Copy", or "Beam".
3. Search for devices and select **Dell PZ310**.
4. Confirm the transmission on your cell phone and begin sending the photo to the printer.

The printer automatically begins printing once the photo has been fully received. It takes approximately a minute to send and complete printing via Bluetooth transmission (based on a JPEG image taken from a 2 mega pixel camera phone).

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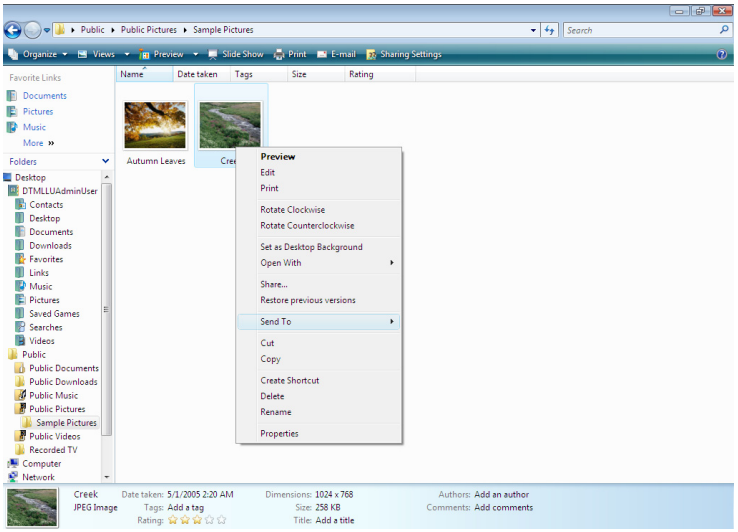
From a Bluetooth-Enabled Computer

You can send photos from a Bluetooth-enabled computer to your Dell Ink-Free Printer PZ310 for printing.

Printing Using File Browser



1. Browse and select the photo you would like to print using your Dell Ink-Free Printer PZ310.
2. Right-click the selected picture and select **Send To**.
3. Search for devices and select **Dell PZ310**.
4. Click **Next** to start the file transfer.

Once the photo has been fully received, the printer starts printing automatically.

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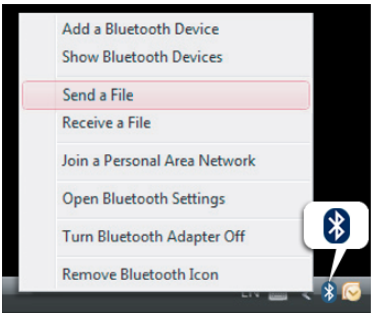
Printing Using Bluetooth File Transfer Application



1. Right click on the Bluetooth icon on the Microsoft® Windows® system tray and select **Send a File**.
2. Search for devices and select **Dell PZ310**.
3. Select the photo you would like to print using your Dell Ink-Free Printer PZ310.
4. Click **Next** to start the file transfer.

Once the photo has been fully received, the printer starts printing automatically.

NOTE: By default, no passkey is required to connect to the Dell Ink-Free Printer PZ310. If a passkey is requested, enter 0000 (four zeroes).

NOTE: Printing a file from applications such as image/text editors or presentation applications is not supported.

NOTE: The steps for sending and printing from your Bluetooth-enabled computer may vary based on the operating system. However, the principle is the same across different operating systems.

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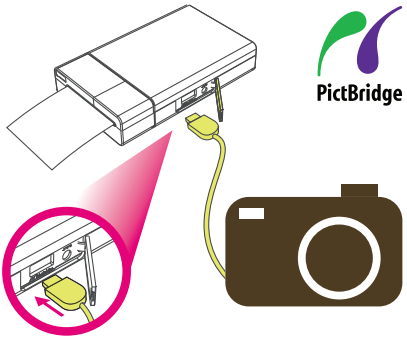
Sending and Printing Photos Using PictBridge

NOTE: The steps for using PictBridge may be different for each digital camera. See the documentation of your digital camera for specific details on how to send photos using PictBridge.

NOTE: USB cable is not shipped with your printer.



You can also print photos directly from a digital camera that supports PictBridge.

NOTICE: Do not disconnect the USB cable until the entire printing process is complete.

NOTICE: Do not turn off the printer while printing is in progress.

NOTICE: Do not open the media cover while printing is in progress.

1. Use the USB cable supplied with the digital camera. Connect one end of the USB cable to your camera and the other end to the printer's PictBridge connector.
2. Select the desired photo on your digital camera and follow the instructions on the digital camera's screen to print.

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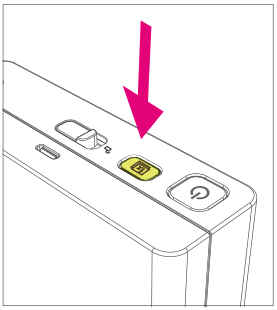
Reprinting a Photo



Press the Reprint button to print another copy of the last photo printed.

NOTICE: The printer's memory of the last photo printed is cleared once the printer is turned off.

NOTICE: After 3 to 4 continuous prints (depending on the operating temperature), the printer will automatically cool down its internal temperature. Wait for the Ready indicator to stop blinking before printing again.

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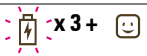
Status Indicator Information, Troubleshooting, and Specifications

Status Indicator Information

Power Status

LED	Status	Description
	Ready indicator: on	The power is on
x 3	Ready indicator: blinks 3 times before shut down	Manual or auto power off (after 5 minutes of idle time)

Battery Status

LED	Status	Description
 x 3 +	Battery indicator: blinks 3 times and turns off; Ready indicator: on	The charge in the battery is low. (Power available for 1 print)
	Battery indicator: 1 second per blink	Low battery
+	Battery indicator: on; Ready indicator: on	Charging the battery
	Ready indicator: on	The battery is fully charged

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Print Status

LED	Status	Description
	Ready indicator: on	The printer is ready to receive data
	Ready indicator: 0.5 second per blink	The printer is receiving data through Bluetooth /PictBridge Printing is in progress
	Ready indicator: 2 seconds per blink	The printer is cooling

Error Status

LED	Status	Description
	Error indicator: on	Paper jam No paper Other errors
	Error indicator: on	Media cover open
	Error indicator: on	Non Dell-branded ZINK photo paper is used

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Page Count Status

To know the count of pages printed using your printer:

1. Turn on the printer.
2. Press and hold the Reprint button for 7 to 8 seconds until the battery, error, and ready indicators start to blink.
3. The page count can be determined by correlating the status of the 3 LEDs with the table given below:

LED 1	LED 2	LED 3	Page Count
			<13
			<250
			<500
			<=1000
			>1000

The printer turns off automatically after 30 seconds.

NOTE: Printing cannot be performed in the page count status mode. Turn off and then turn on the printer to revert to the normal mode.

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Troubleshooting

Problem	Possible Causes and Solutions
The printer does not turn on when the power button is pressed.	1 The battery is out of charge. Charge the battery or connect to the AC adapter. 2 The battery is not inserted correctly. Ensure that the battery is inserted correctly (see "Installing the Battery" on page 7). 3 The AC adapter is not connected to the printer correctly. Ensure that the AC adapter is connected correctly (see "Charging the Battery" on page 8).
Unable to load photo paper.	The photo papers may not be suitable for your printer. Use only Dell-branded ZINK™ Photo Papers.
The paper jammed before printing (nothing has been ejected).	Check if there is paper in the media tray. If so, ensure that the paper is loaded correctly. If not, load a new pack of ZINK Photo Paper. Check if the photo paper is bent or wrinkled. If so, replace with a new photo paper. Ensure that it is loaded correctly (see "Important Information: ZINK Photo Paper" on page 10).
The paper jammed while printing (part of the photo has already been ejected).	Do not pull out the photo paper. It will cause hardware damage and expire warranty. Please turn off the printer, and then turn it on again. The photo paper will be automatically ejected.
The printed photo has streaks (lines or marks of different color from the background).	Turn off the printer. Open the media cover and remove the photo paper. Place the ZINK Smart Sheet in the paper tray with its barcode facing down. Close the media cover and turn on the printer. The Smart Sheet will be automatically ejected and cleans the print head.
Other problems	Turn off the printer. If the printer does not turn off, reset the printer by removing and reinserting the battery. Turn on the printer again.

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Specifications

Photo size	640 x 960 pixels
Image file type	JPEG
Media paper used	2" x 3 " Dell-branded ZINK™ Photo Papers
Media paper storage environment	Temperature: 5° C to 32° C (41° F to 90° F) Humidity: 20% to 80% RH
Display	Power status Ready status Error status
Control buttons	Power button Reprint button
Communication	Bluetooth® 2.0 EDR (supported profiles: FTP, BIP, and OPP) USB (PictBridge)
External connector	PictBridge (USB 2.0 high speed)
Battery life	Lithium polymer rechargeable battery 450 mAh (May be charged up to 300 times) Maximum 15 prints per charge
Power supply	450 mAh Polymer Lithium-ion rechargeable battery 9V 3A AC adapter
Dimensions	Width: 75 mm Depth: 122.5 mm Height: 24.2 mm
Weight	225 g

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Contacting Dell

For customers in the United States, call 1-800-WWW-DELL (1-800-999-3355).
Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Visit **support.dell.com**.
2. Verify your country or region in the **Choose A Country/Region** drop-down menu at the bottom of the page.
3. Click **Contact Us** on the left side of the page.
4. Select the appropriate service or support link based on your need.
5. Choose the method of contacting Dell that is convenient for you.

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